

Fig. 1  
Prior Art

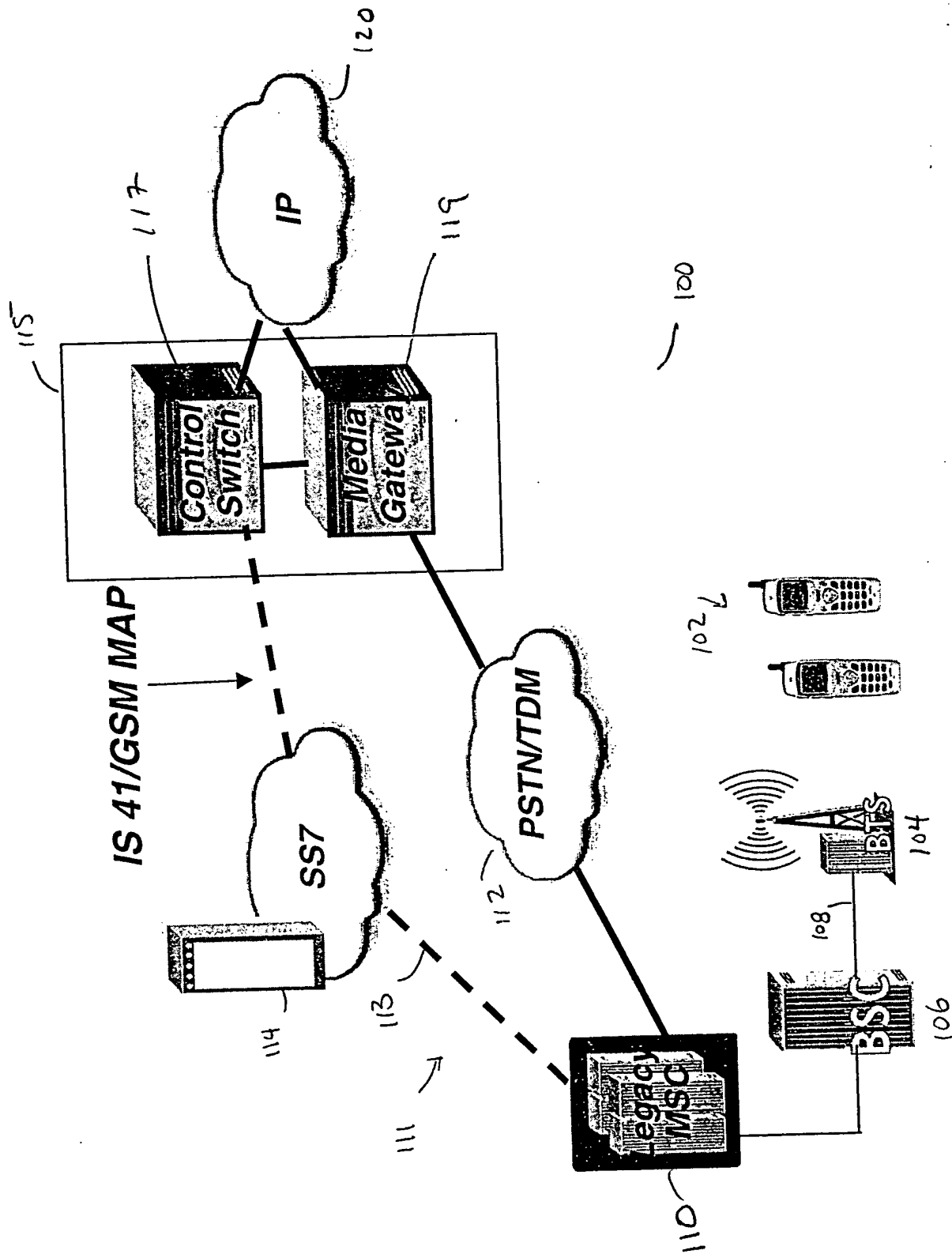
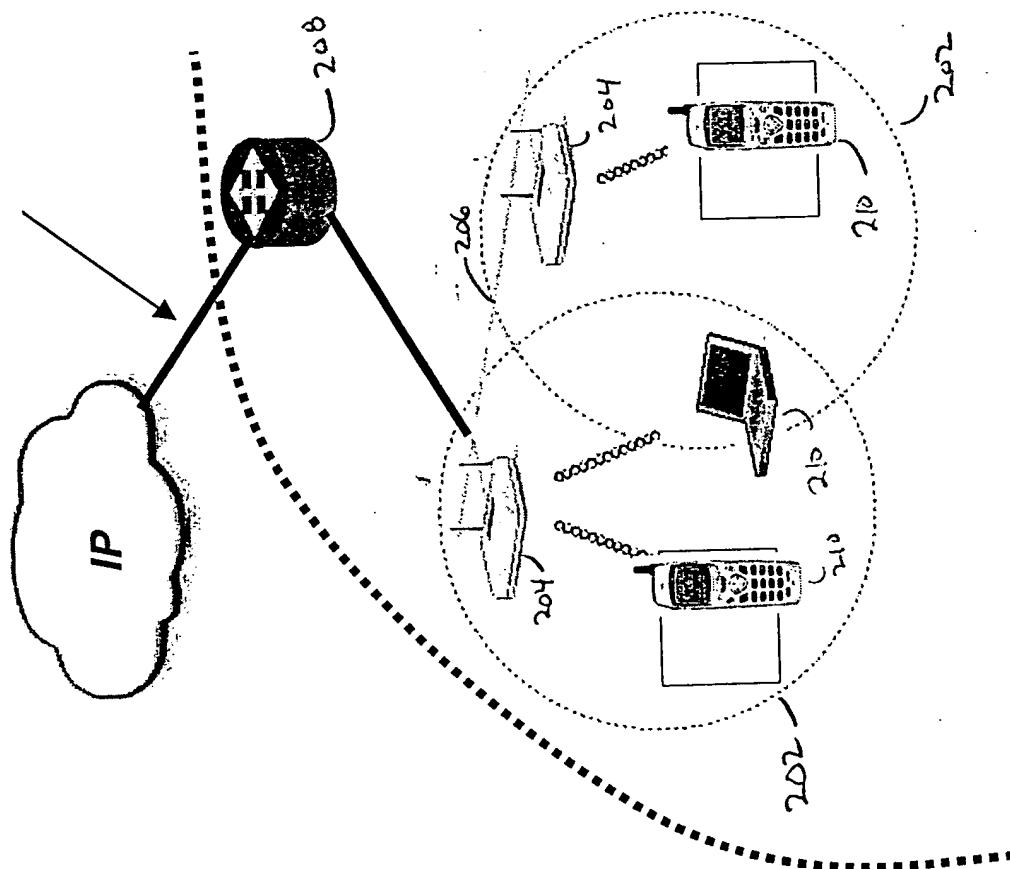


FIG. 2

Fig. 2  
Prior Art



200 —

Fig. 3

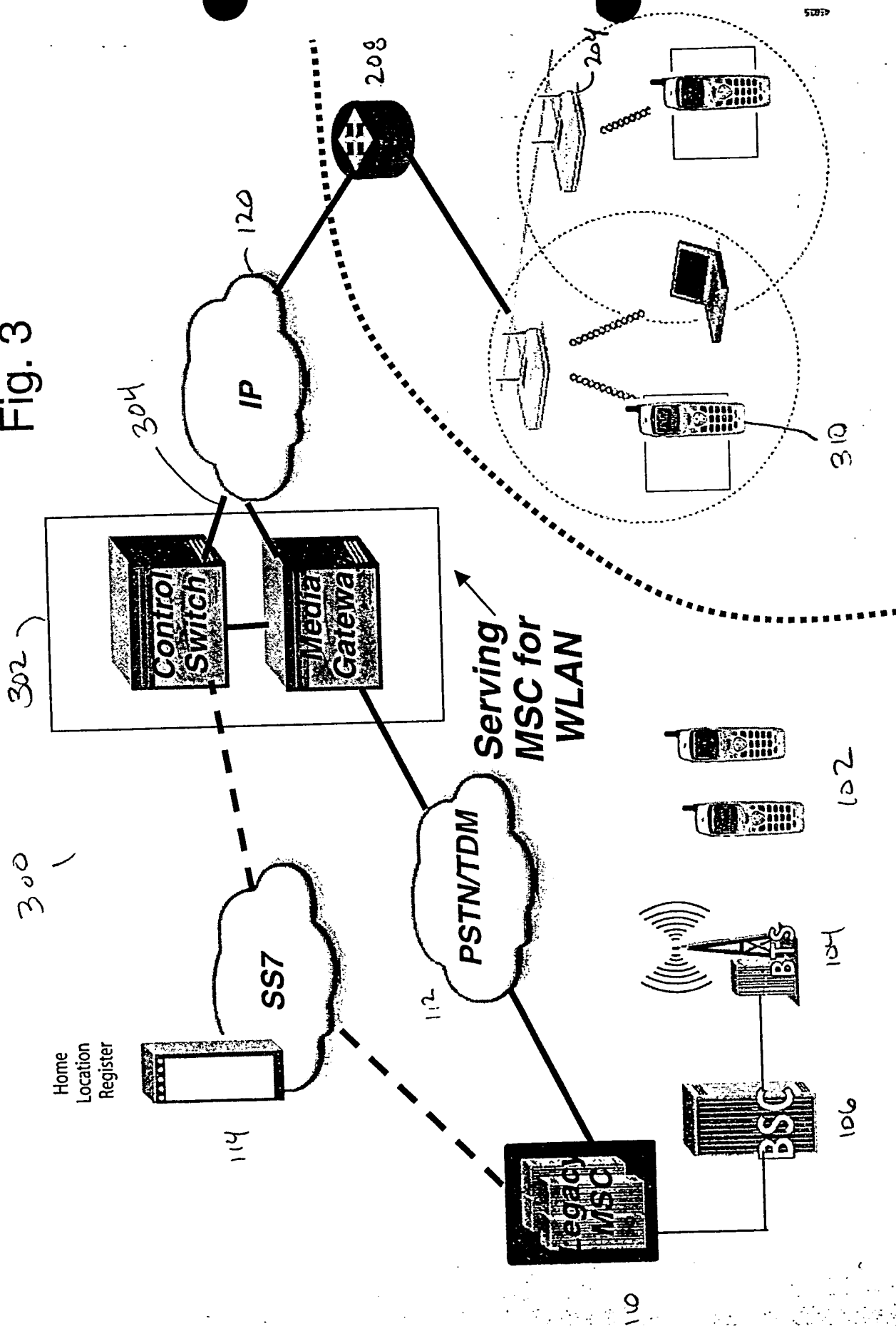
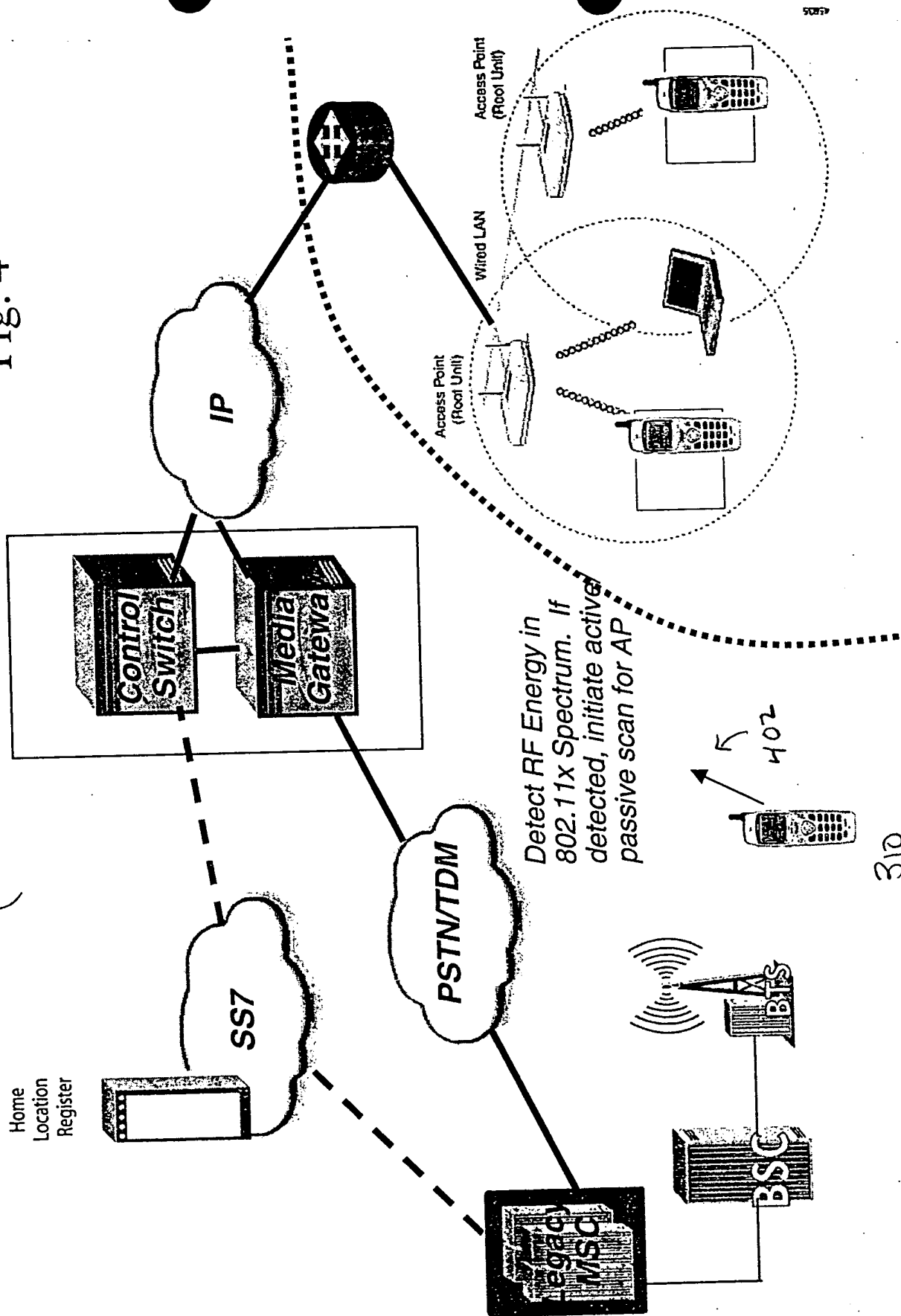


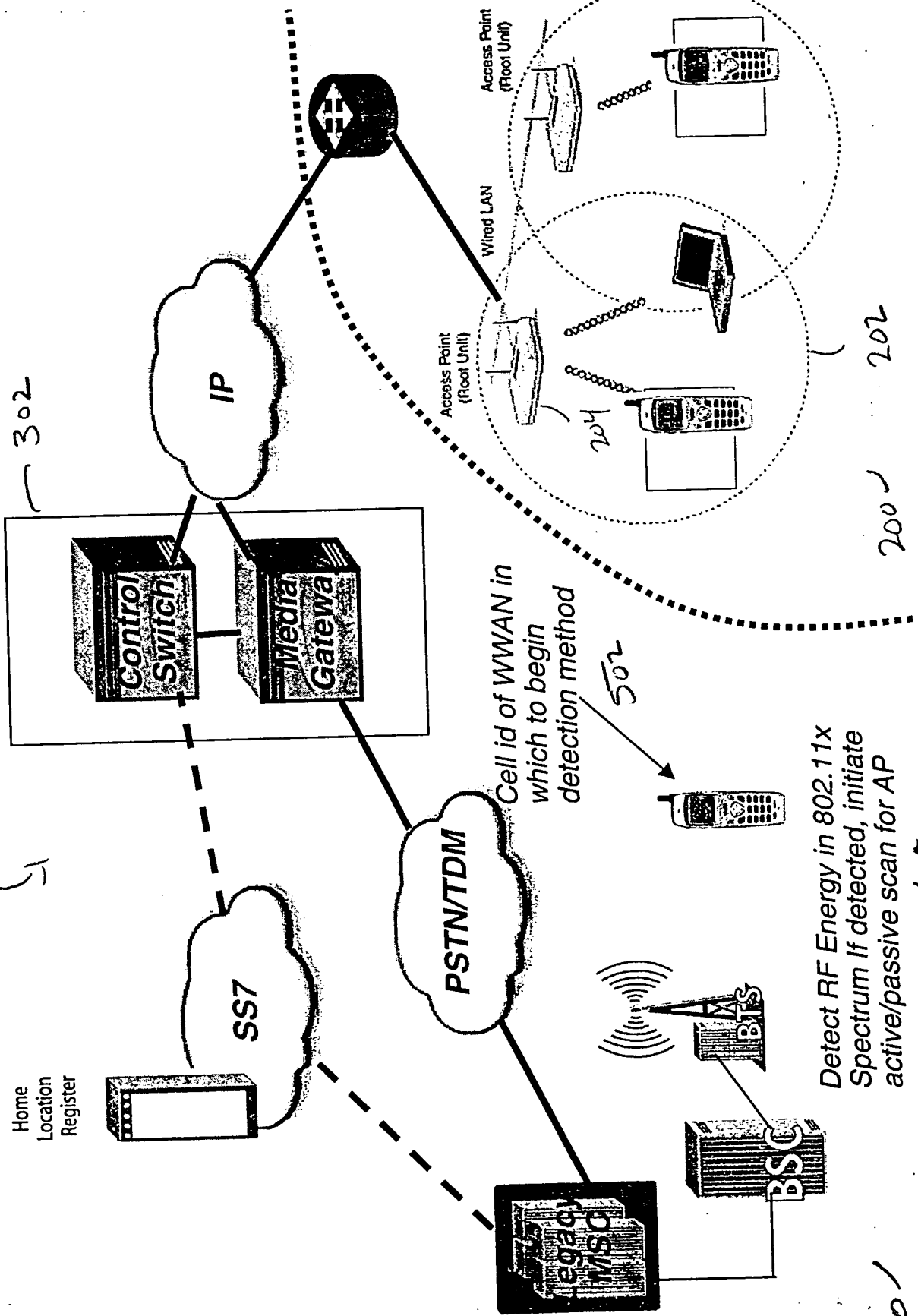
Fig. 4

300 (



310

300



Cell id of WWAN in which to begin detection method

Detect RF Energy in 802.11x Spectrum If detected, initiate active/passive scan for AP

202110-08025001

Fig. 6

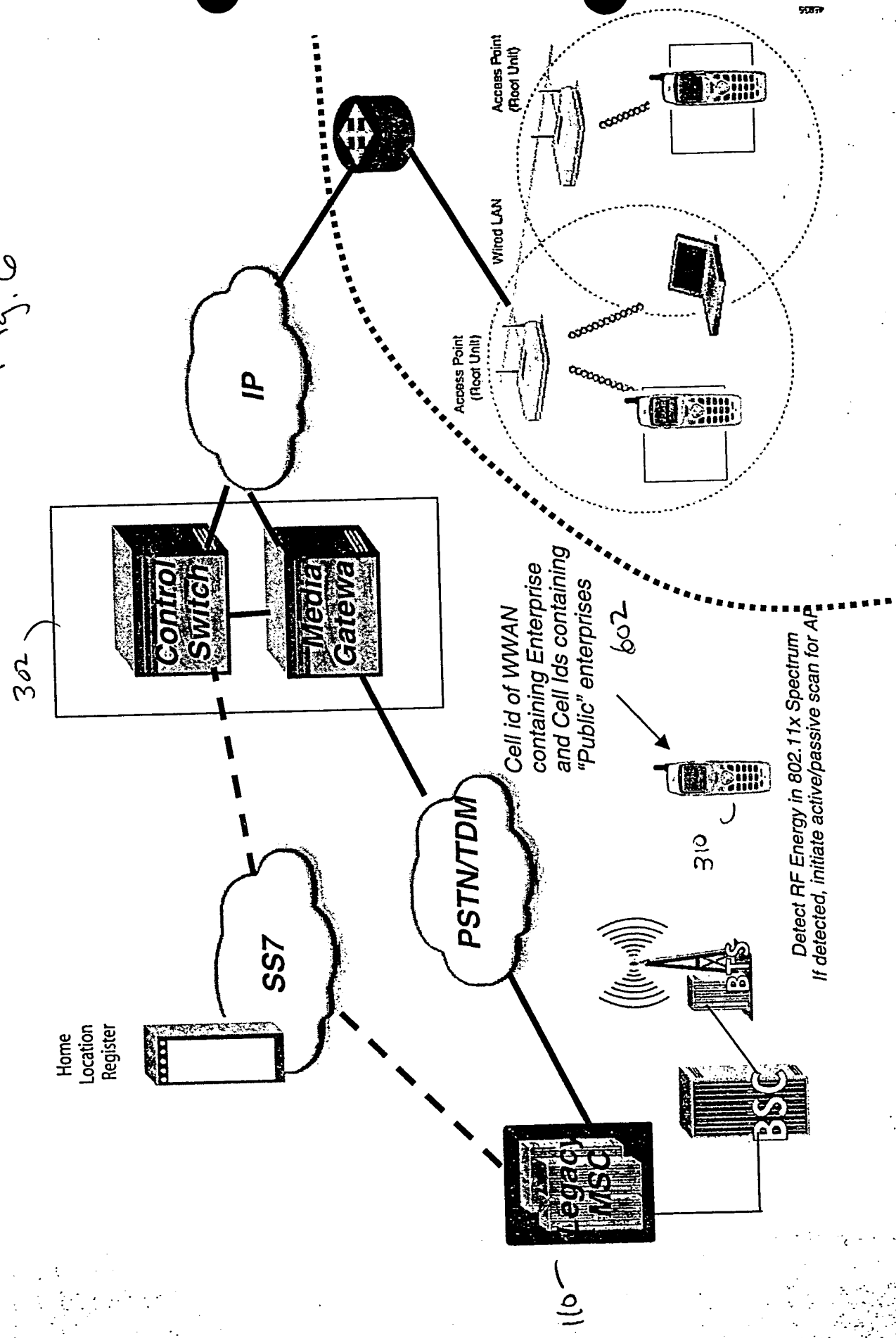


Figure 7

CDMA

Multi-mode Phone

IS95/CDMA2000

+

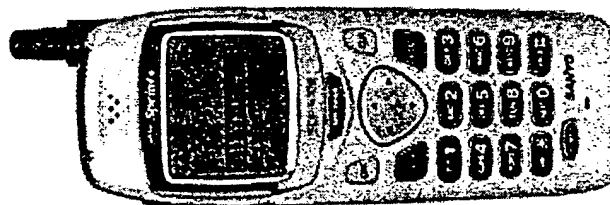
WLAN modem

+

VoIP (SIP/RTP/UDP/IP)

+

Mobility via Preferred  
Embodiment Client



310)

GSM/UMTS

Multi-mode Phone

GSM/UMTS

+

WLAN modem

+

VoIP (SIP/RTP/UDP/IP)

+

Mobility via Preferred  
Embodiment Client

Fig. 3

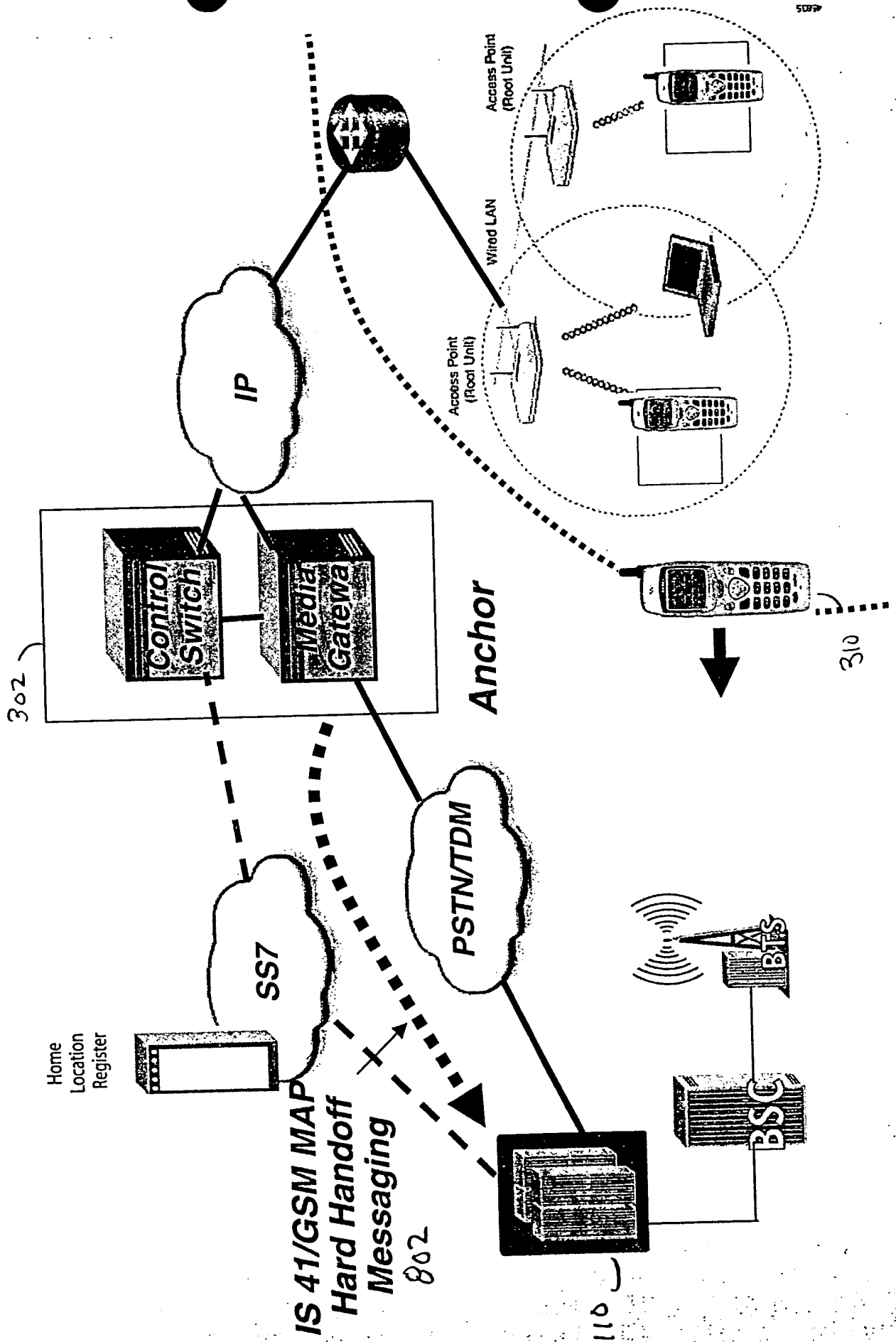
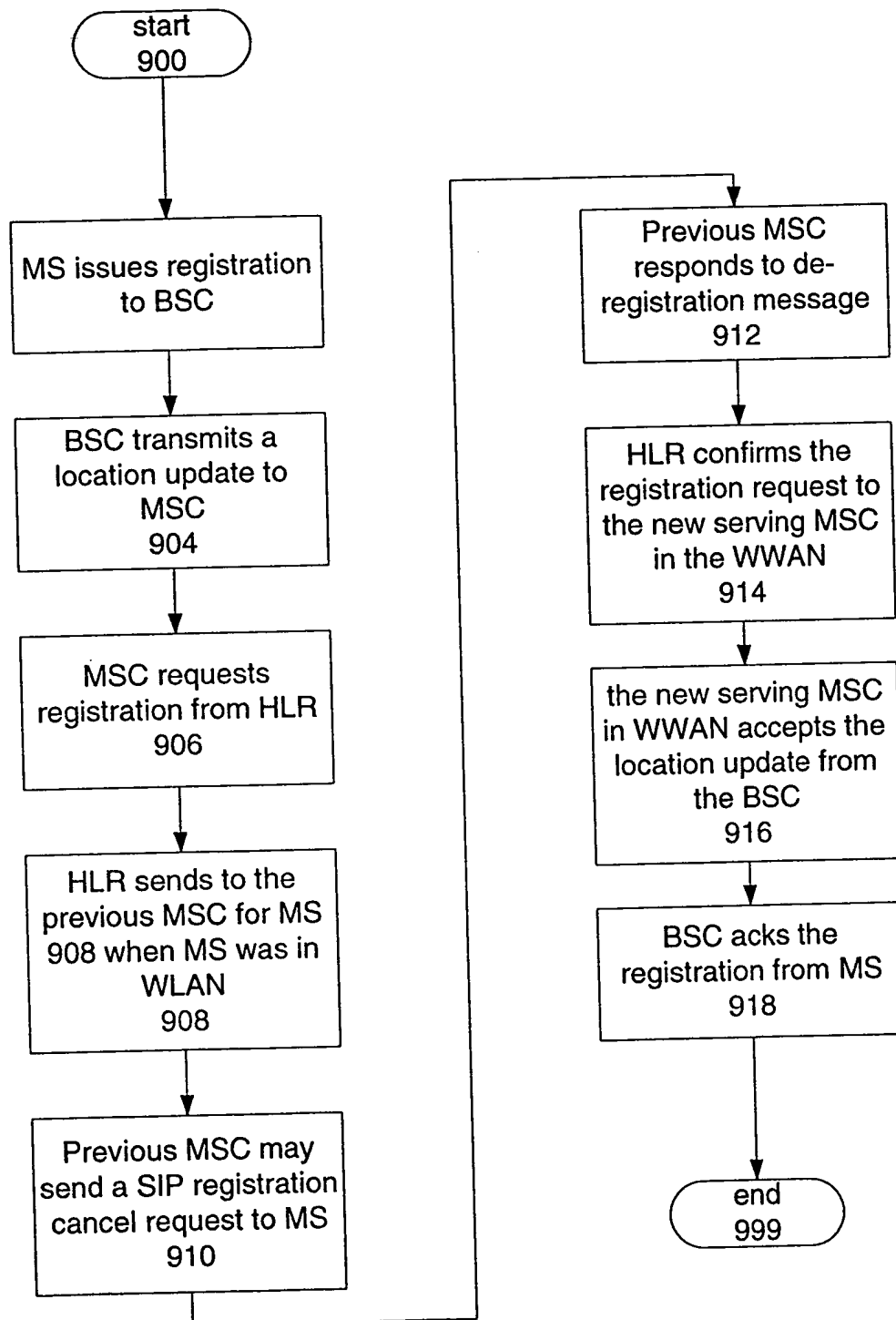


Fig. 9



2011-08-01 10:00:00

Figure 10

# MS leaves 802.11 MSC area to IS41 MSC area

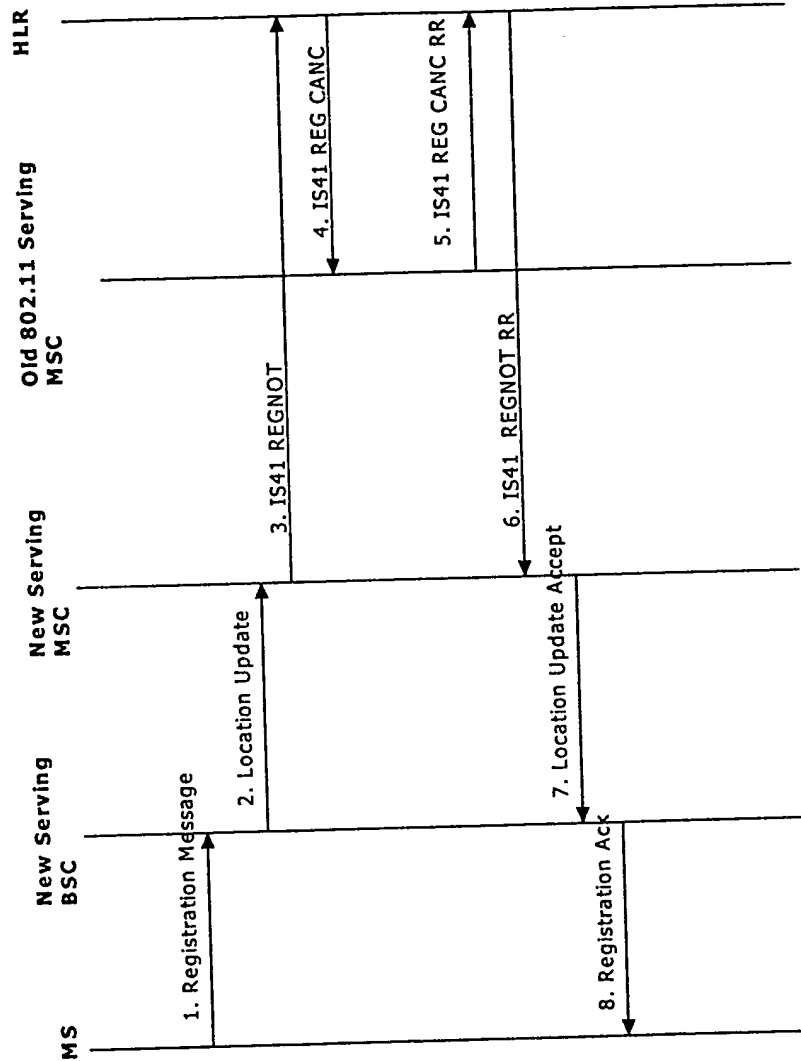


Figure 11

# MS leaves 802.11 MSC area to GSM MSC area

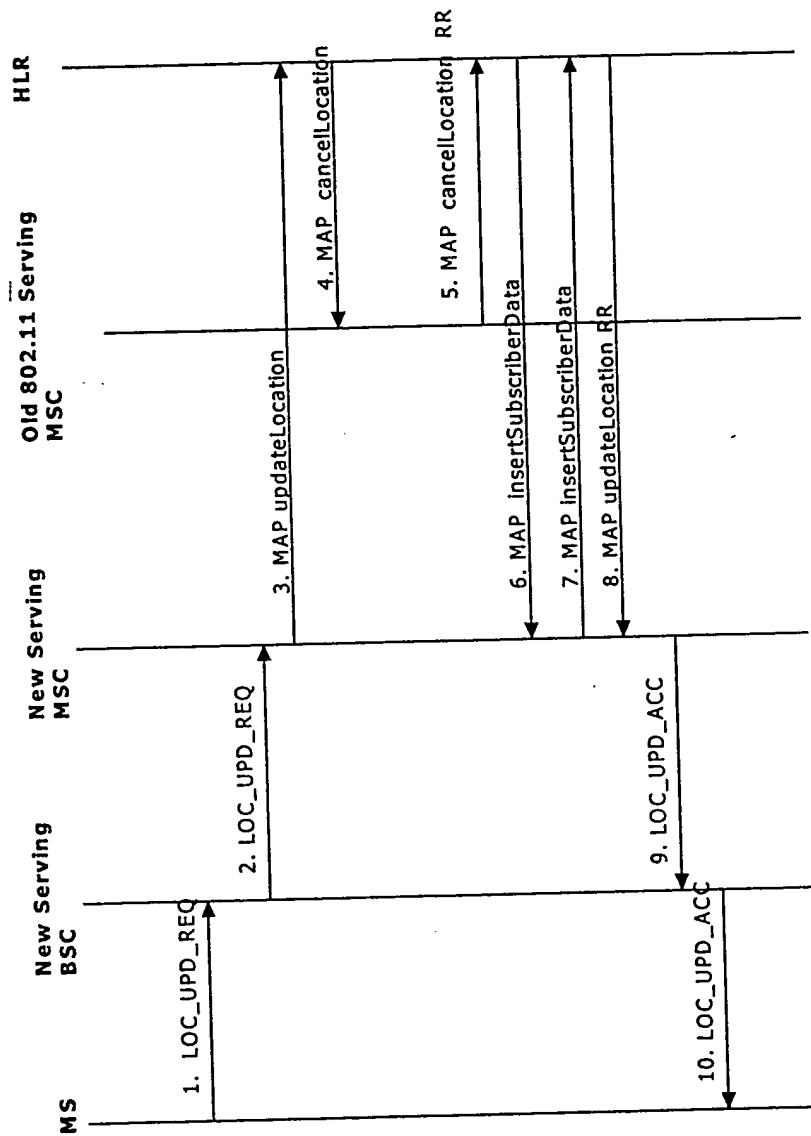


Fig. 12

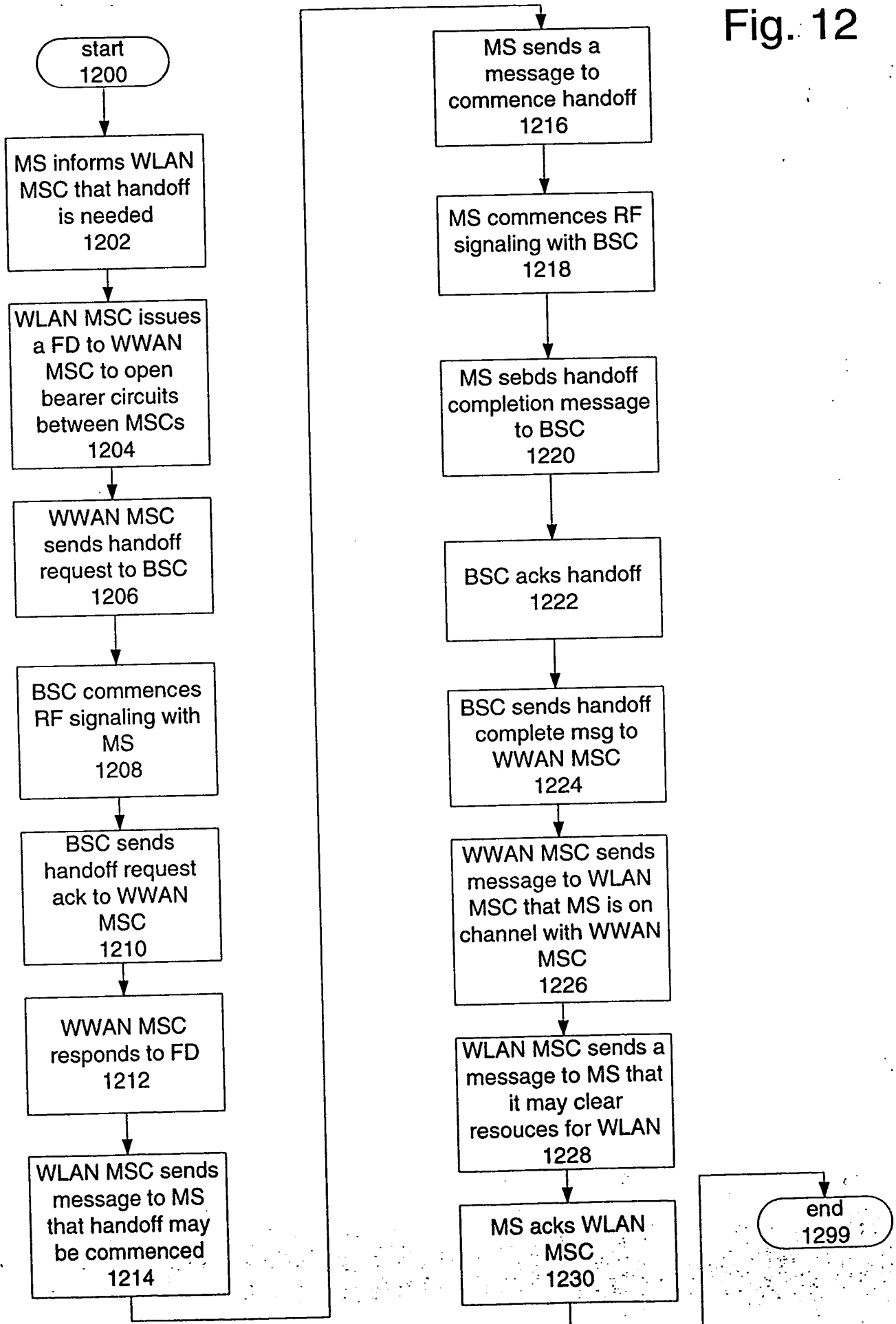
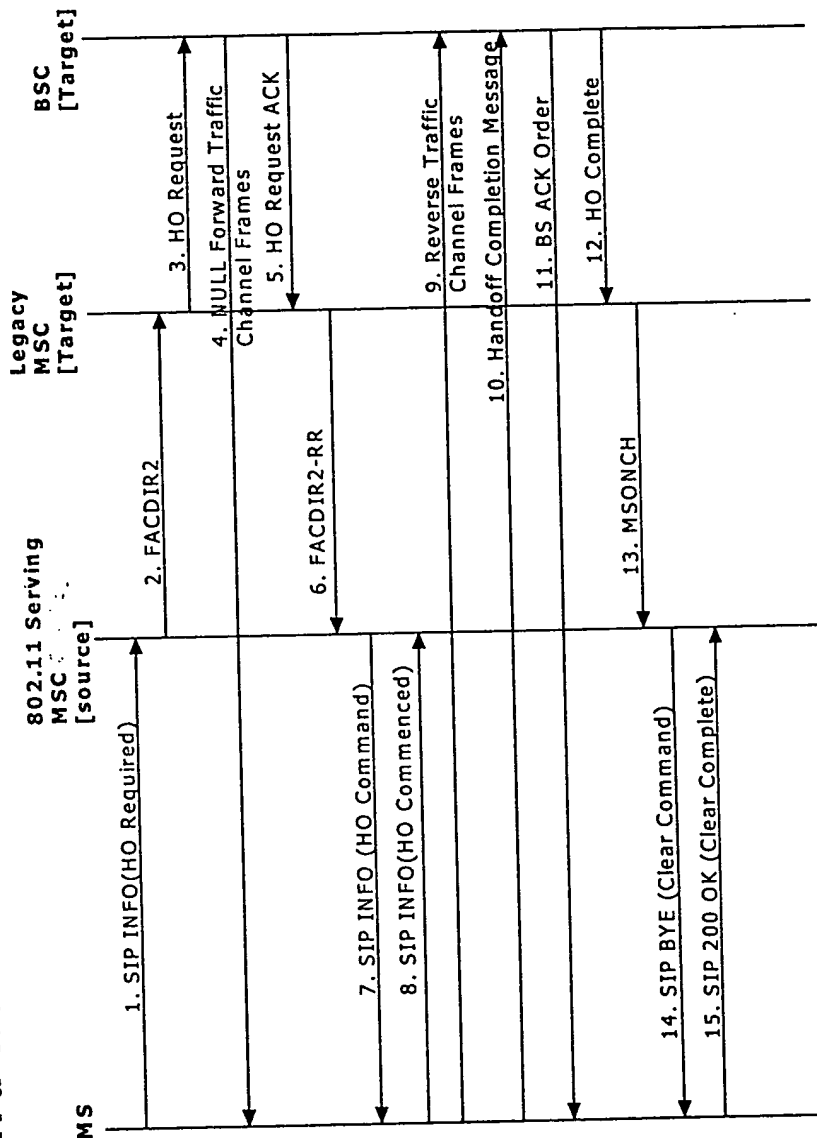


Figure 13

# Hard Handoff from 802.11 MSC to Legacy IS41 MSC



# Figure 14

## Hard Handoff from 802.11 MSC to Legacy GSM MSC

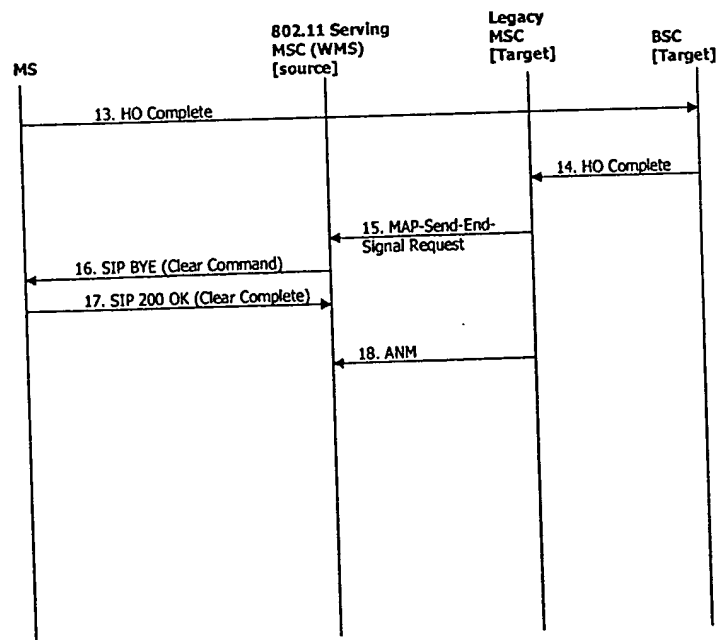
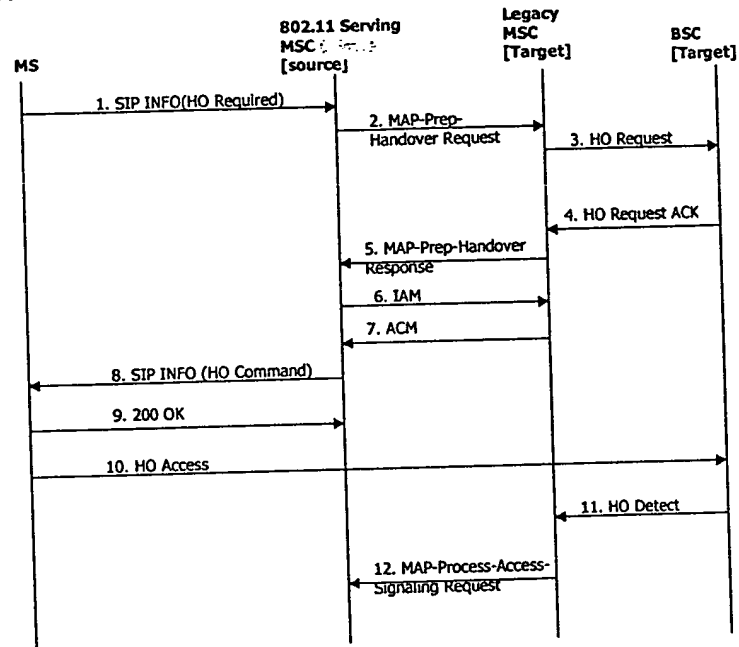
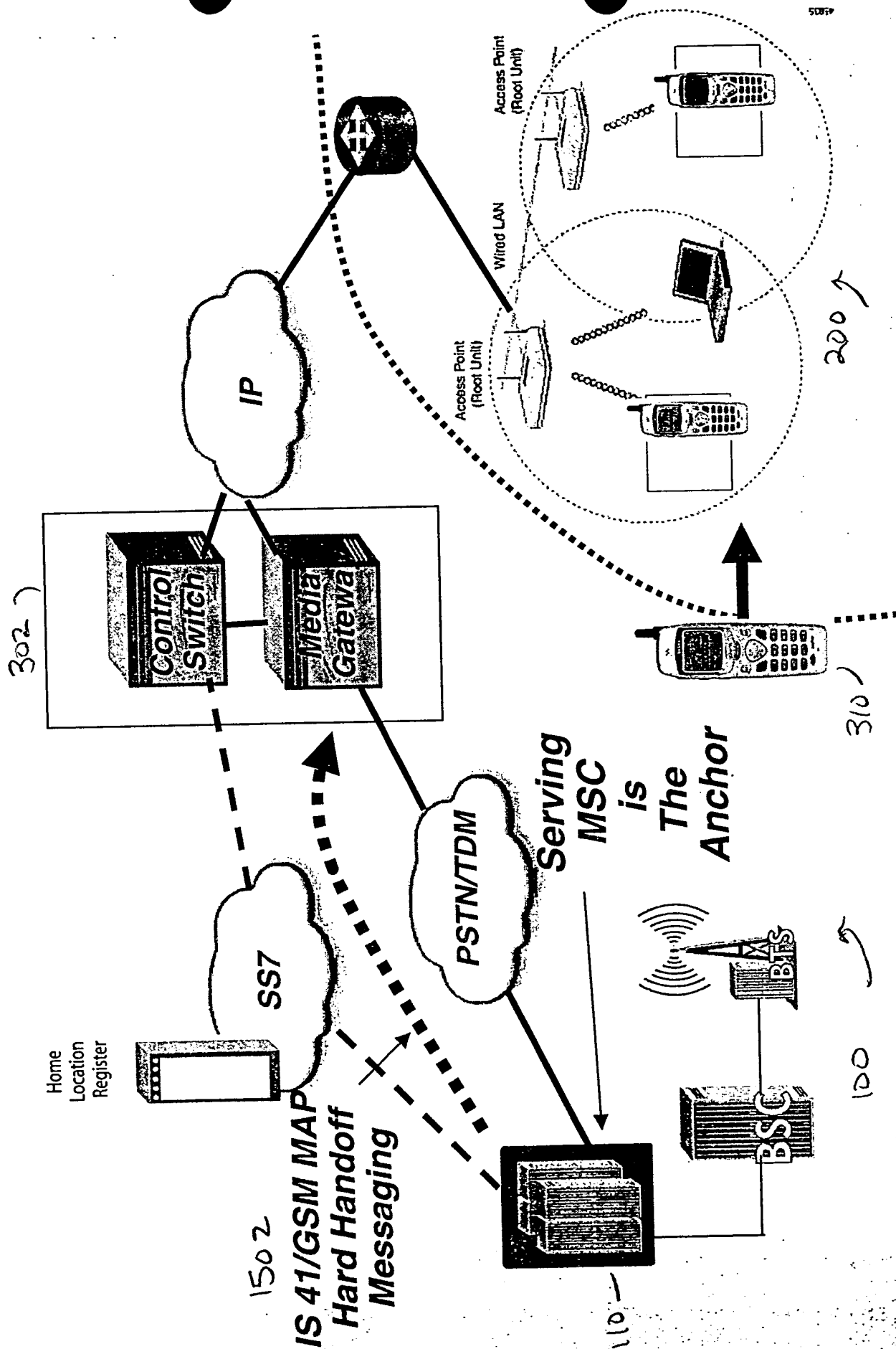


Fig. 15



1005000-01170

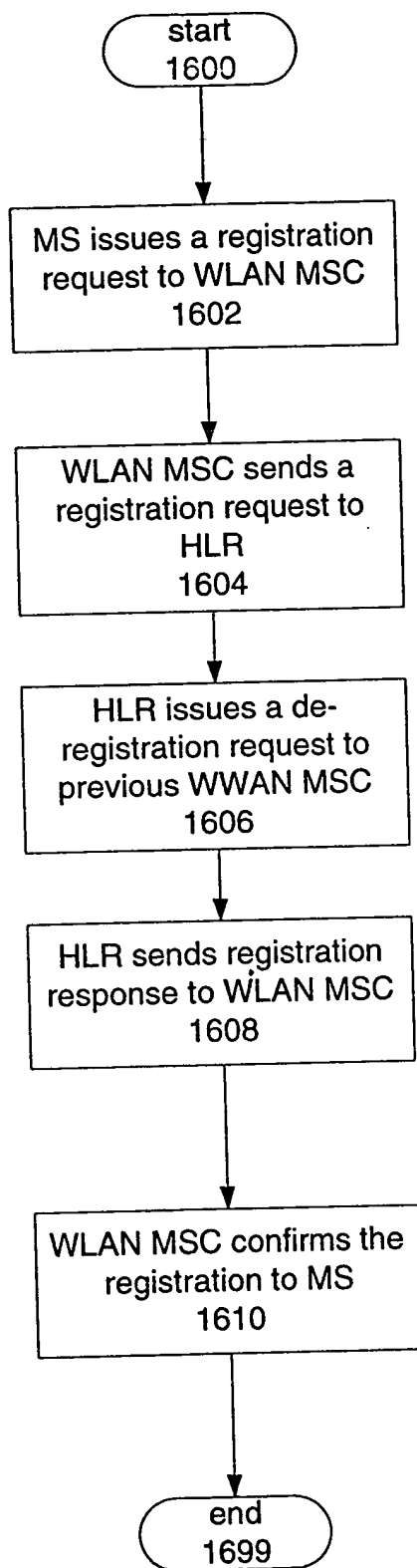


Fig. 16

Figure 17

MS enters 802.11 MSC area from IS41 MSC area

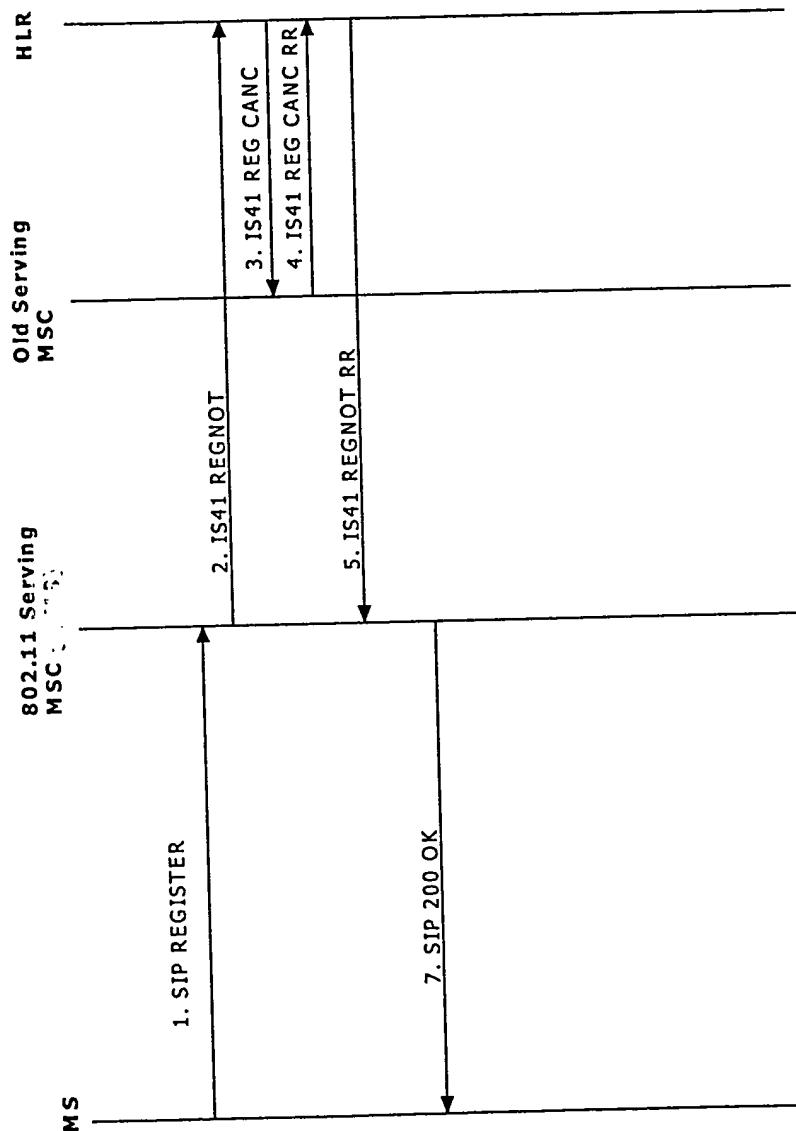
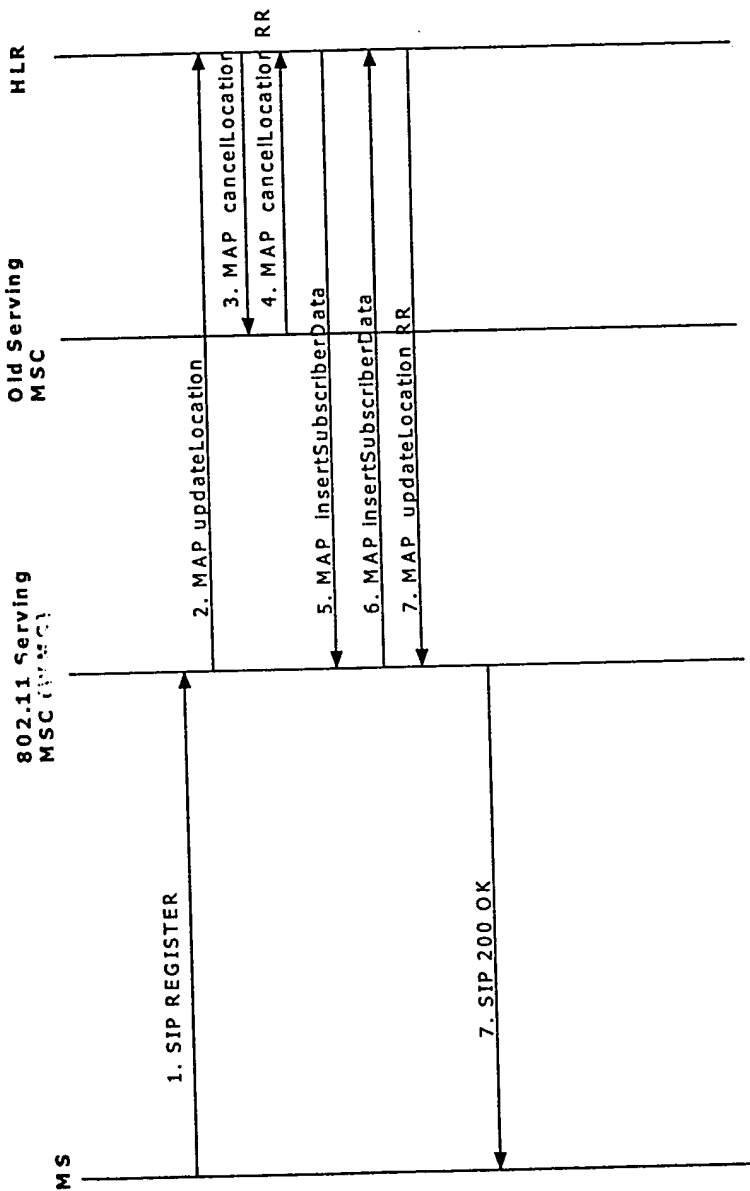


Figure 18

MS enters 802.11 MSC area from GSM MSC area



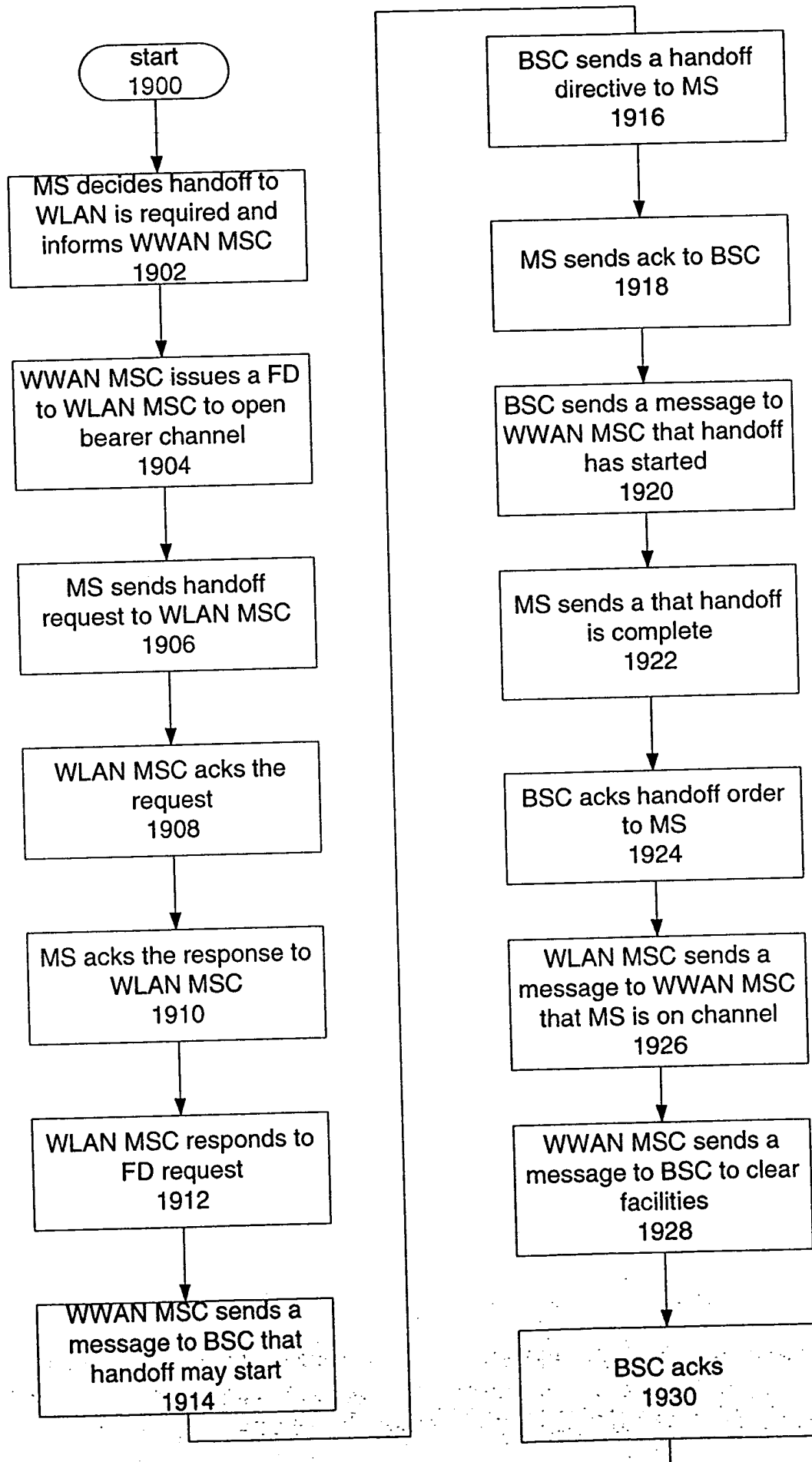


Fig. 19

Figure 20

# Hard Handoff from Legacy IS41 MSC to 802.11 MSC

802.11 Serving MSC [target]

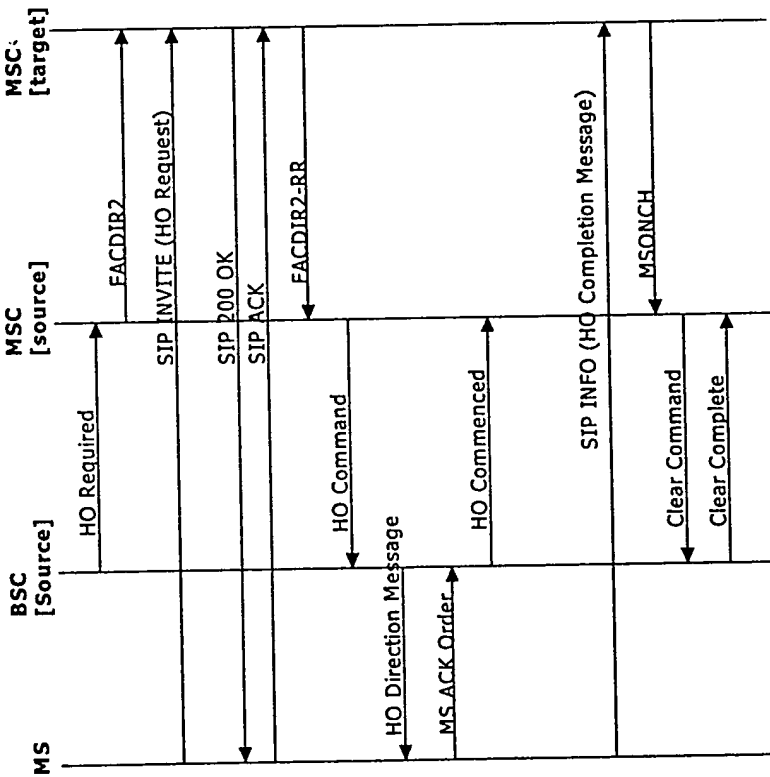


Figure 21

# Hard Handoff from Legacy GSM MSC to 802.11 MSC

802.11 Serving  
MSC [target]

MSC  
[source]

BSC  
[Source]

MS

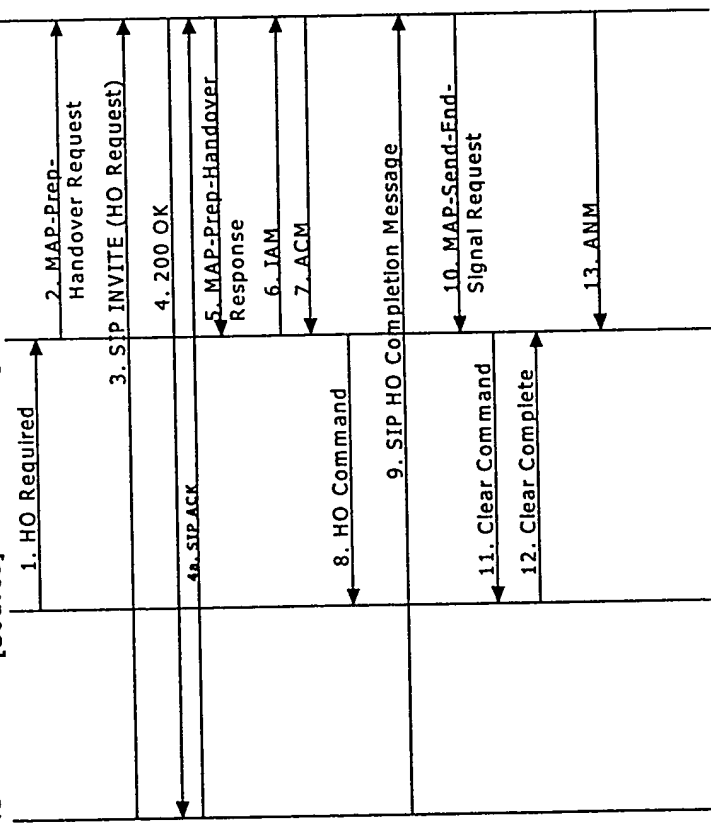


Figure 22

Delivery of Short Message Service in 802.11 MSC area

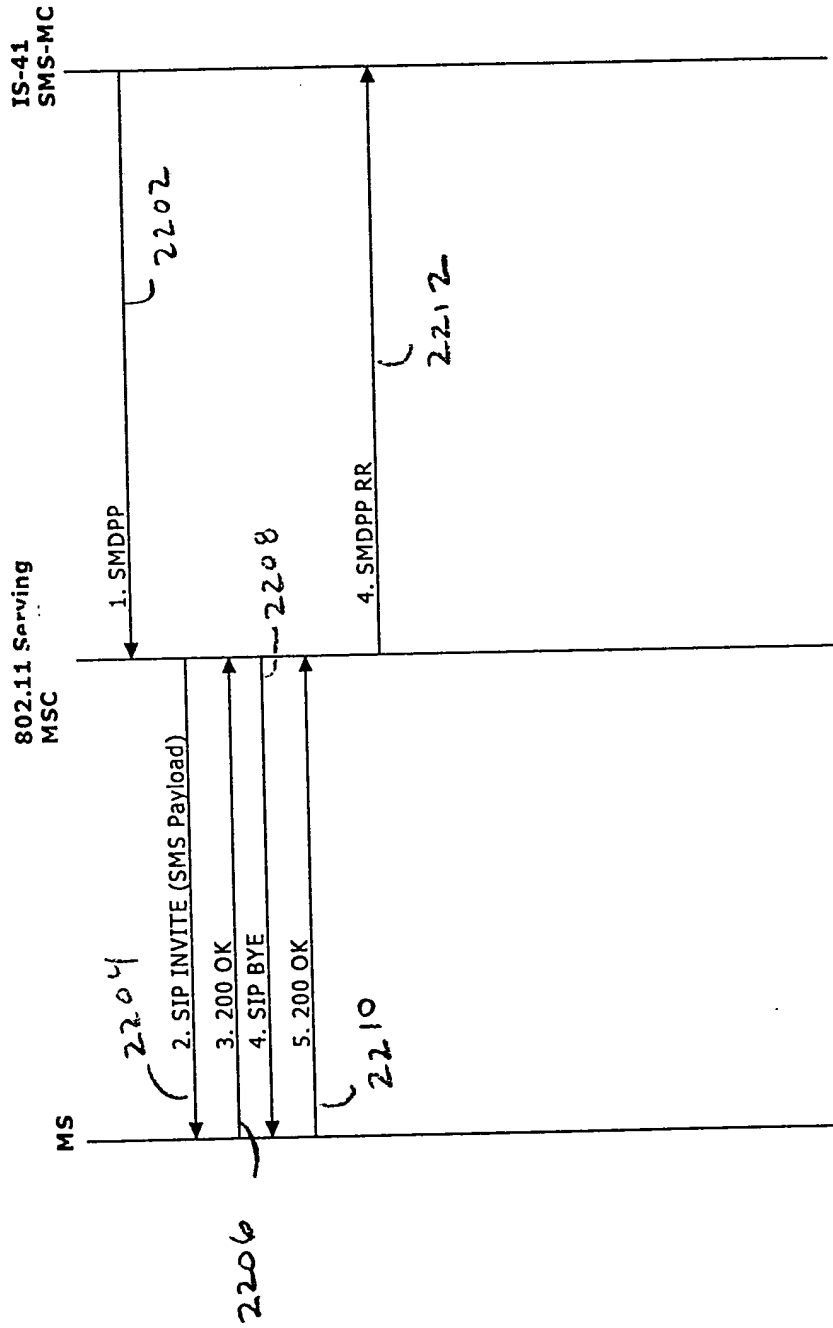


Figure 23

Delivery of IS41 MWN while in 802.11 MSC area

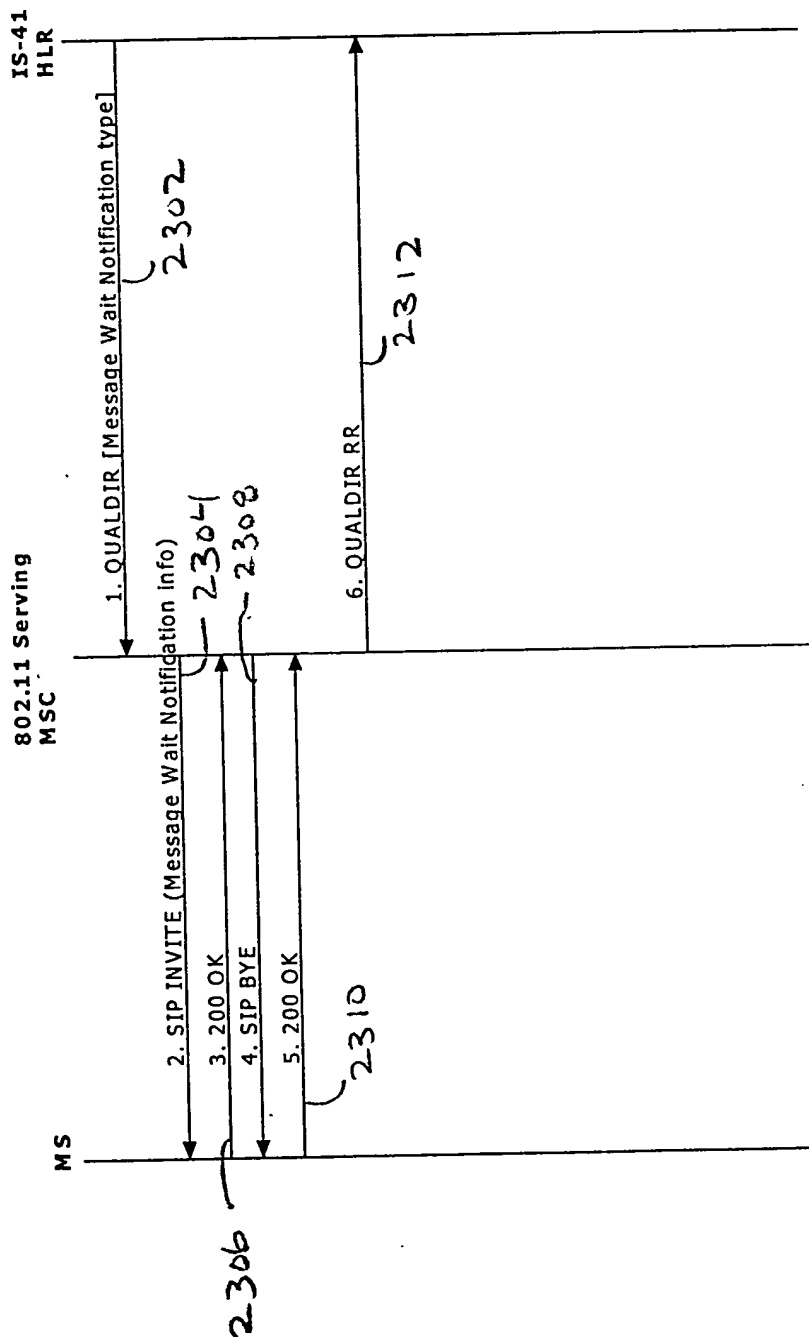


Figure 24

# Intra Enterprise call (CDMA/IS41)

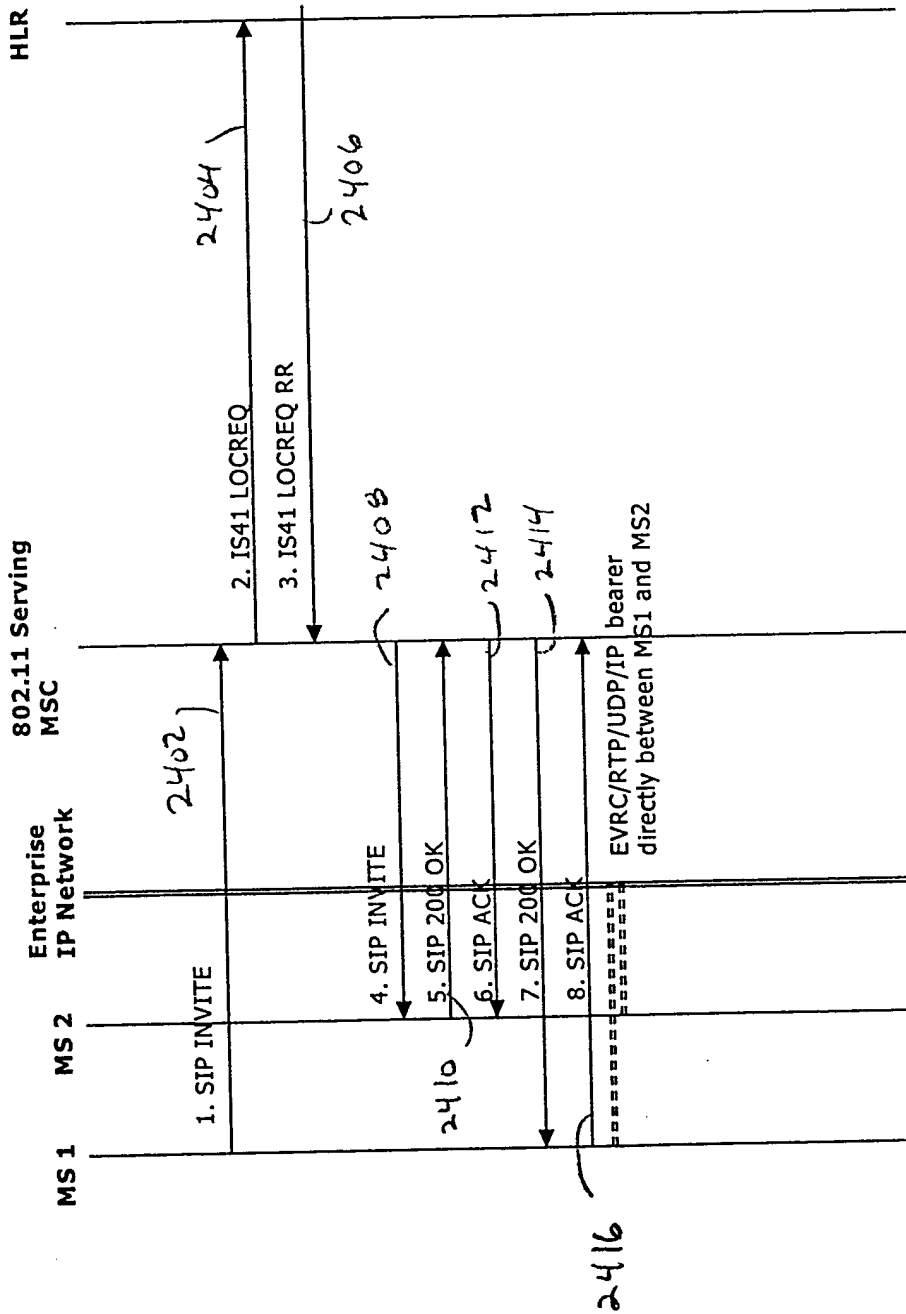




Figure 26

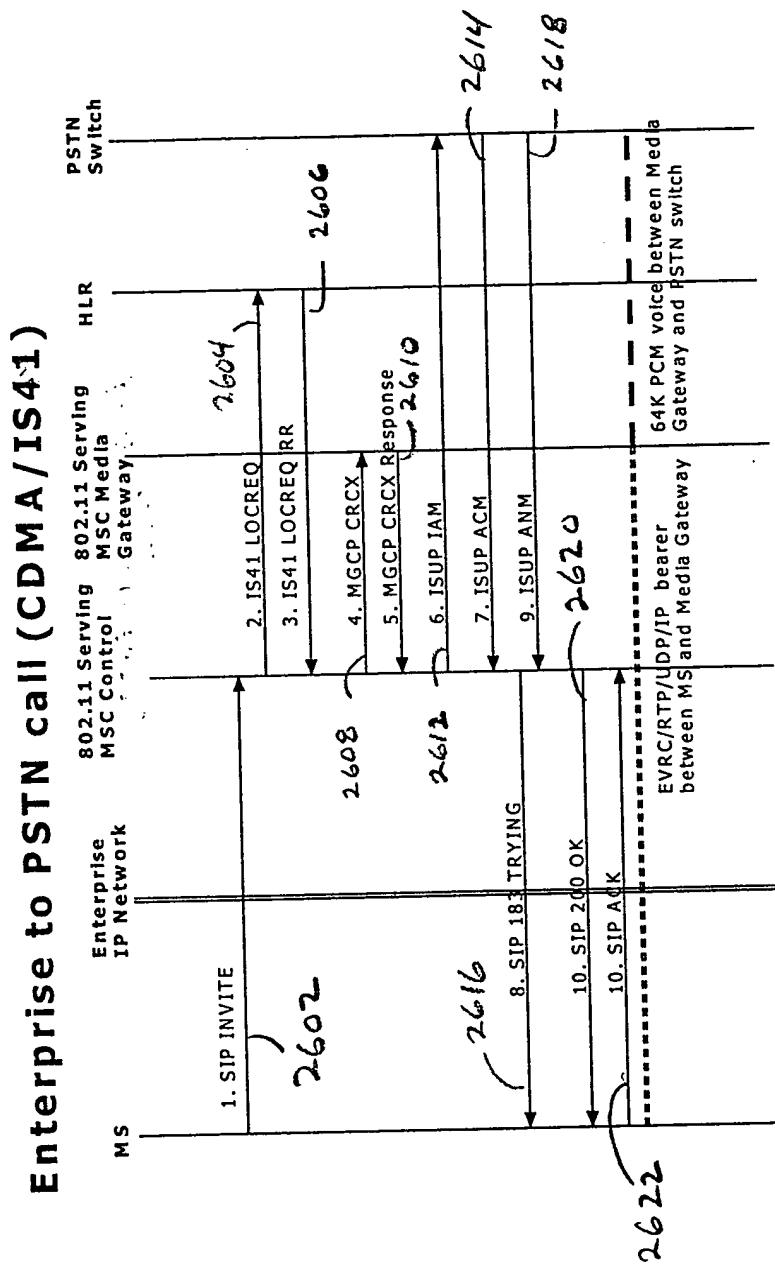


Figure 27

# Enterprise to PSTN call (GSM / MAP)

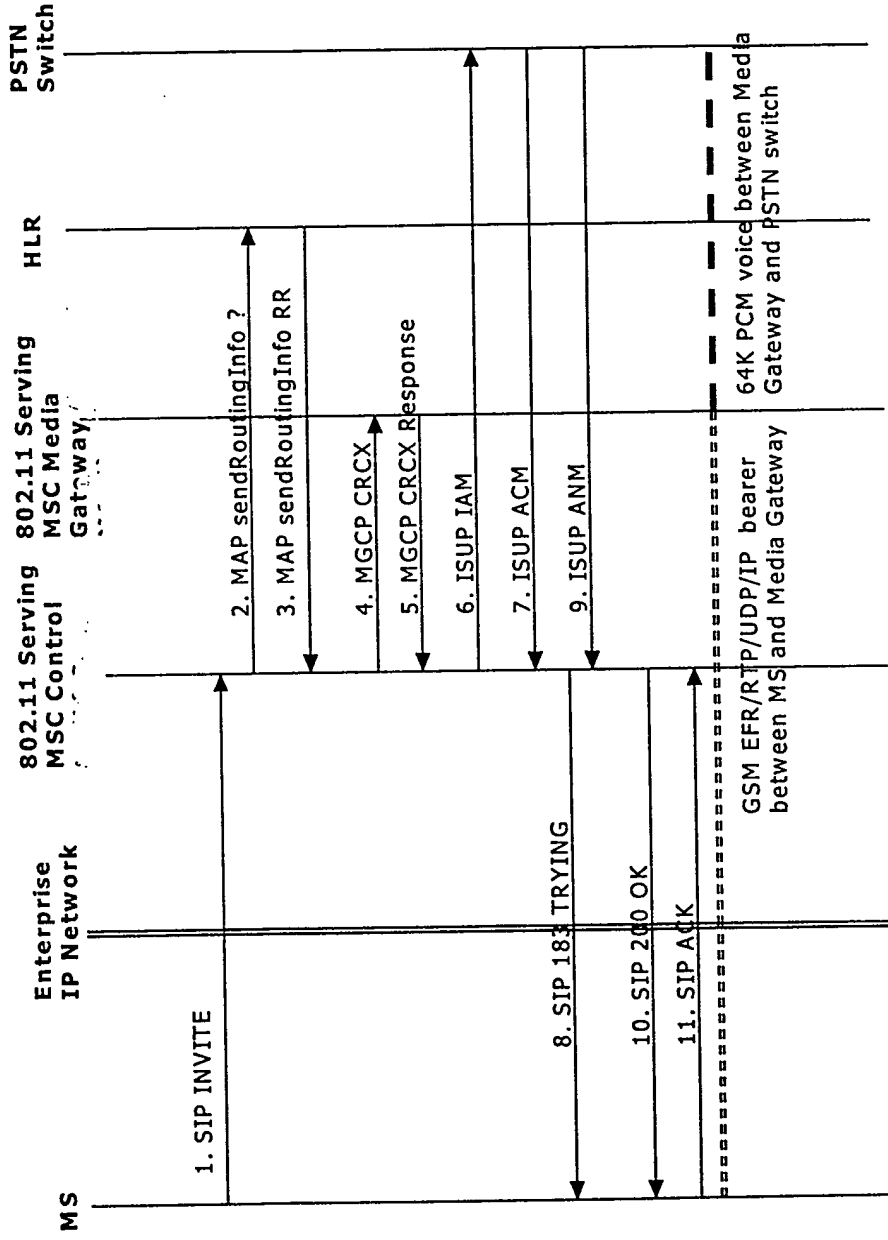


Figure 28

# Enterprise to Macro GSM call with TFO (GSM/MAP)

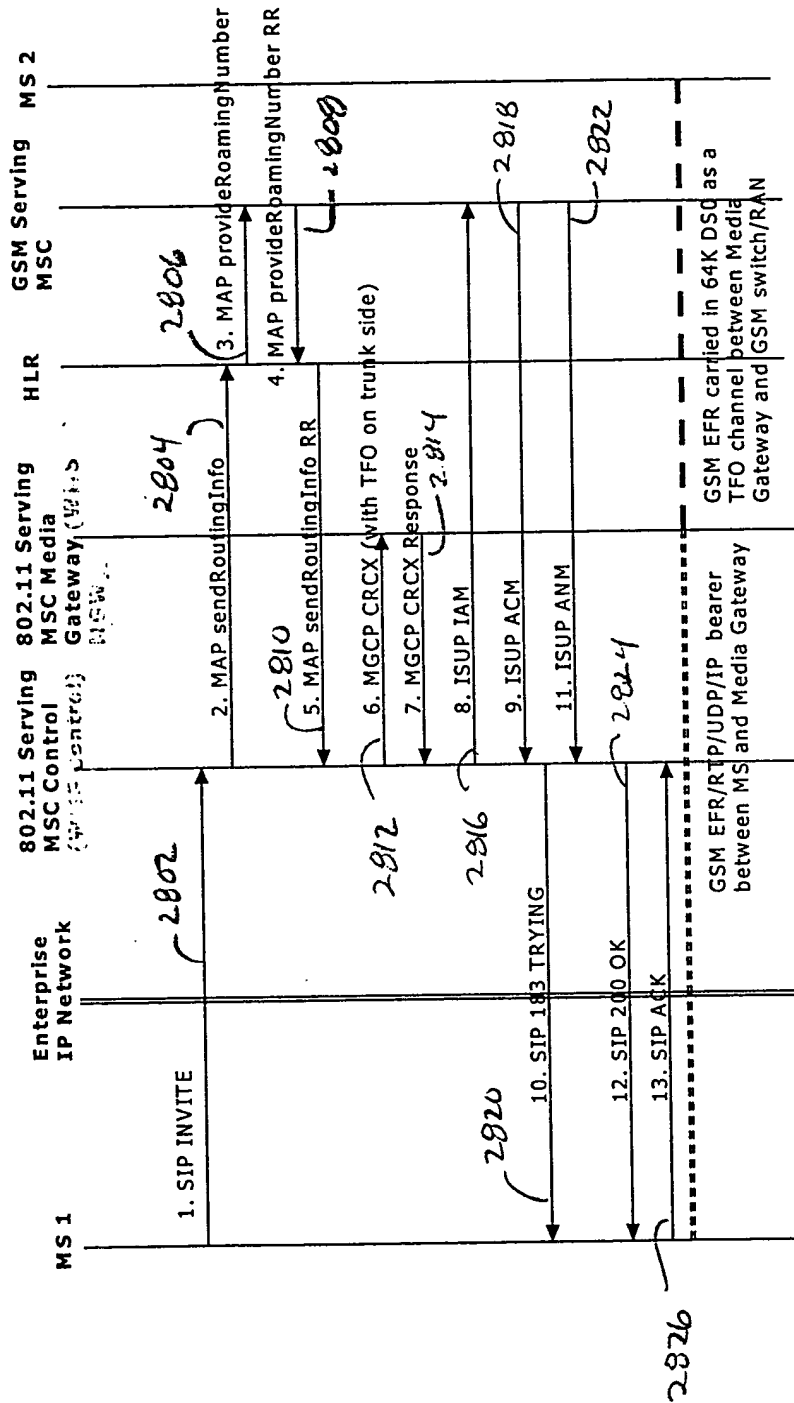
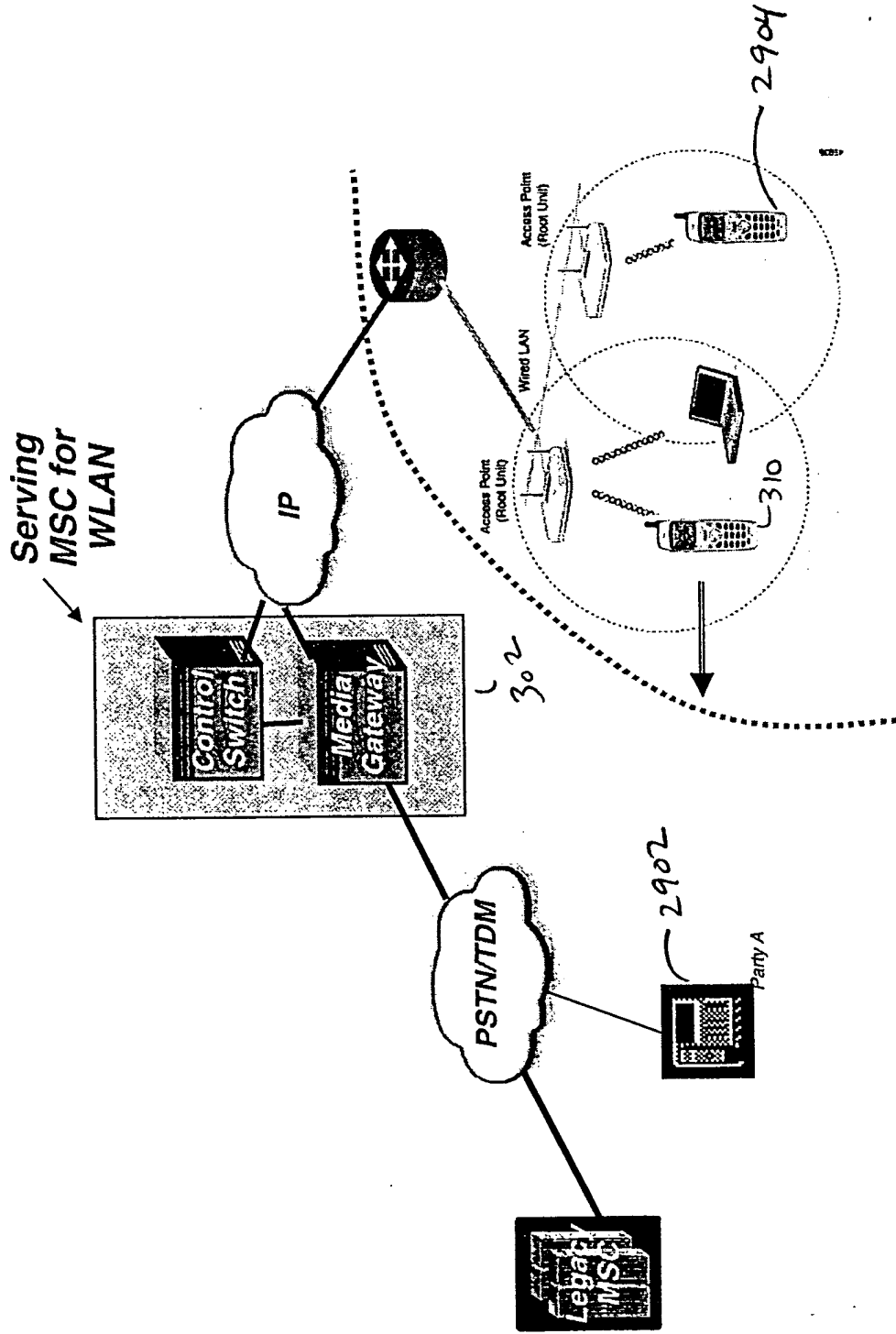


Figure 29



3002  
3004  
3006  
3008  
3010  
3012

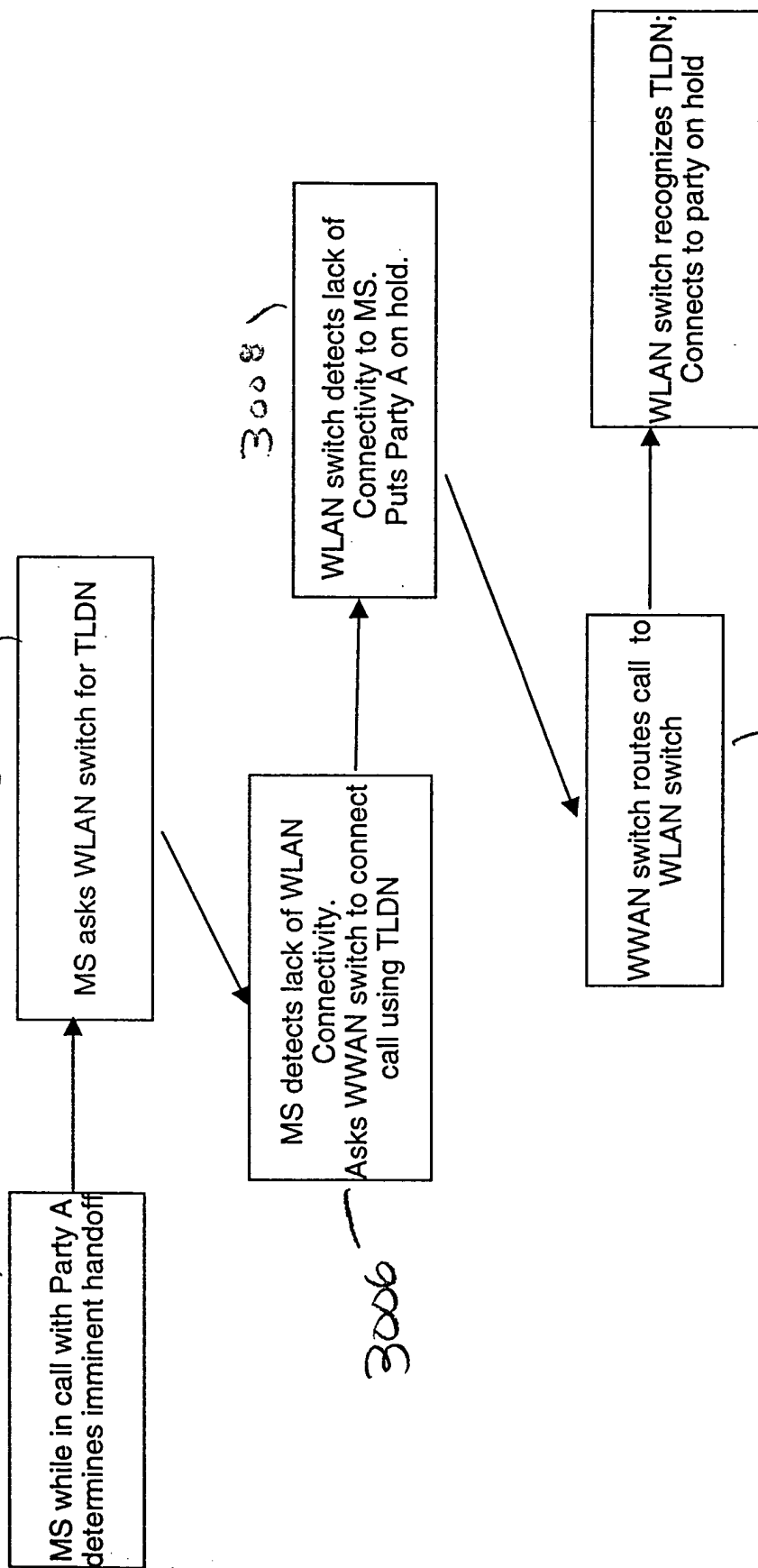


Fig. 30

Fig. 31

